

ABSTRACT

The invention relates to a sensor device and a method for detecting an external impact load on a vehicle (12), especially in the event of a collision with a pedestrian. Said sensor device comprises a sensor line (14) which reacts to a mechanical deformation, a carrier body (16) for receiving the sensor line (14), and a measuring unit (20) which co-operates with the sensor line (14) and is used to provide an impact signal. Said carrier body (16) has a deformation structure (18) engaging with the sensor line (14), for varying the transmission of pressure force in certain sections.